

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

DATE: 25 AUG 1959

TO : Chief, Engineering Division, TSS

FROM : Chief, Physical Security Division, OS

SUBJECT: Air-Fed Incinerator

1. This is to confirm the oral request made to [redacted] and [redacted] of this Office for an evaluation report on the performance and status of the Subject incinerator. Following is a list of some specific points that this Office would like to have covered in your report:

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A. Fly Ash -

(1) Is it feasible to reduce the amount without reducing the overall effectiveness of the incinerator?

(2) At what burning rate or stack temperature is the fly ash the least noticeable?

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B. Stack -

(1) Can the size of the stack be reduced on the present incinerator?

(2) Can or do your plan to furnish asbestos covering for the stack that will permit it to be installed through a hole in a wooden wall without any danger of setting the wall on fire?

(3) Is the present stack an all weather stack?

(4) What is the life expectancy of the present stack?

(5) If the incinerator is located in a room or on a balcony on the third or fourth floor of a seven story building, what is the minimum or recommended height of the stack?

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C. Auxiliary Power or Generator -

(1) What plans do you have for an auxiliary source of power for the blower or fan?

(2) It is probable that at some stations it will be desirable or necessary to locate the blower and motor away from the incinerator. For such cases, is it possible to have some type of a flexible air duct or is a rigid one necessary?

(3) What maintenance, if any, will be required on the blower and motor?

D. Please comment briefly on any proposed changes or modifications that you feel are necessary on the present model and the length of time that they will require.

E. How long do you anticipate it will take to fabricate a model half the size of the present one?

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